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# Technical Data Sheet

## PA

## White Earthenware Low-Fire Clay

### Technical Data

Firing Range: **Cone 05-03**

Biscuit Temperature: -

Water Content: 20%

Plasticity (IP Atterberg): 15

Carbonate Content (CaCO<sub>3</sub>): 17%

Drying Shrinkage: 6.2%

Firing Shrinkage (1250°C): -0.2%

Porosity (1250°C): 12.6%

Dry Bending Strength: 5.1 N/mm<sup>2</sup>

Fired Bending Strength (1250°C): 27.8 N/mm<sup>2</sup>

Thermal Coefficient (1250°C): 74.5x10<sup>-7</sup>°C<sup>-1</sup>

SIO-2® PA is a white earthenware clay renowned for its stunning white color. Its versatility makes it suitable for a range of applications, including pottery, sculpture, and decorative items.

Offering enhanced stability compared to traditional white earthenware, SIO-2® PA features a balanced calcium carbonate content, reducing the likelihood of warping or cracking during firing.

This clay boasts a smooth texture and excellent plasticity, making it easy to work with and allowing artists to create detailed sculptures and pottery pieces with ease.

### Features



Low-Fire Earthenware Clay



Not Tested For Use  
In Microwave



Not Suitable  
For Tableware



Compatible With Most  
Standard Glazes  
(Test firing recommended)

### Available Packaging

Full-Size  
27.6 lbs



Sample-Size  
4 lbs

